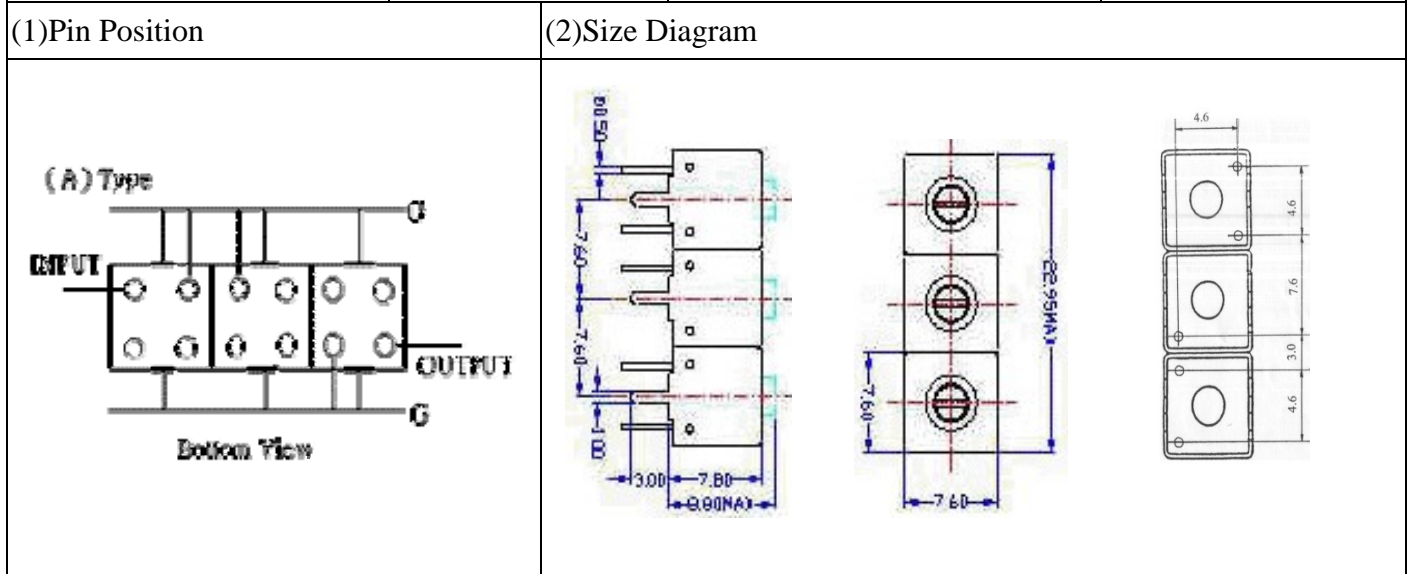


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TTS3232A-1025M
Approval No. /dated	20110038DC	Acceptable Specify Fo. Range	1001~1100MHz
Work Instruction No.	20110038DC	Date	2001.10.19



(3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1025 MHz	1025 MHz	
Tunable Range	1025 ±10 MHz	1025 ±10 MHz	
Insertion Loss	Typ. 3.5 dB	2.5 dB	
-3 dB Bandwidth	Typ. 64 MHz	69 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 54 dBc	57 dBc
	Fo + 150 MHz	Typ. 30 dBc	33 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.2 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4) Torque for Tuning Screw > 100gf · cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 1Watt

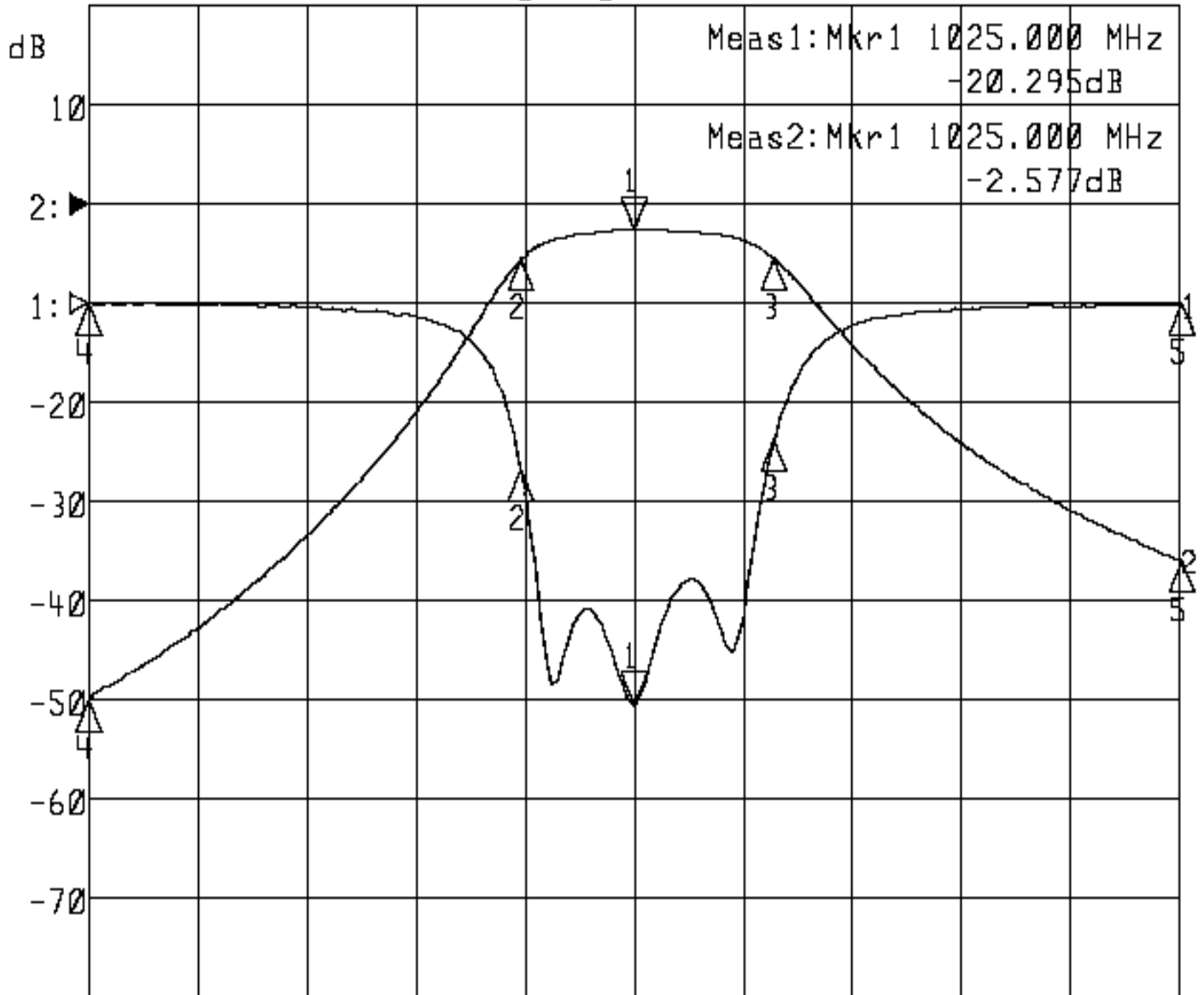
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7S3 (4*5.2) 7S046LB6

TEMWELL CORPORATION

Performance-TTS3232A-1025M

20110038DC

▷1:S11 Refl Port1 Log Mag 5.0 dB/ Ref 0.00 dB C
▶2:S21 Fwd Trans Log Mag 10.0 dB/ Ref 0.00 dB C



Center 1 025.000 MHz

Span 300.000 MHz

1: Mkr (MHz)	dB	2: Mkr (MHz)	dB
1> 1025.0000	-20.295	1> 1025.0000	-2.577
2: 994.1000	-8.430	2: 994.1000	-5.576
3: 1063.6000	-6.915	3: 1063.6000	-5.502
4: 875.0000	0.014	4: 875.0000	-50.073
5: 1175.0000	-0.051	5: 1175.0000	-35.910